Closed Topic Search

Enter terms
Search

Reset Sort By: Title (ascending)

- Relevancy (descending)
- Title (descending)
- Open Date (descending)
- Close Date (descending)
- Release Date (descending)

NOTE: The Solicitations and topics listed on this site are copies from the various SBIR agency solicitations and are not necessarily the latest and most up-to-date. For this reason, you should visit the respective agency SBIR sites to read the official version of the solicitations and download the appropriate forms and rules.

Displaying 1 - 10 of 672 results

1. AF11-BT04: 3-D nondestructive imaging techniques for mesoscale damage analysis of composite materials

Release Date: 07-28-2011Open Date: 08-29-2011Due Date: 09-28-2011Close Date: 09-28-2011

TECHNOLOGY AREAS: Materials/Processes, Weapons OBJECTIVE: Develop techniques for detecting and modeling the evolution of damage in composite materials such as plastic bonded explosives or concretes using nondestructive means. DESCRIPTION: In hard target penetration, the onboard energetic material may be subjected to severe environments of both pressure and shear loading. Dama ...

STTR Department of Defense

2. AF141-250: 64MB+ Radiation-Hardened, Non-Volatile Memory for Space

Release Date: 11-20-2013Open Date: 12-20-2013Due Date: 01-22-2014Close Date: 01-22-2014

OBJECTIVE: Develop and commercialize 64MB (min, MB=1,000,000 bytes of memory, 1 byte=8 bits), radhard, nonvolatile memory (RHNVM) for space applications. DESCRIPTION: The lack of low-cost high-density Radiation-Hardened (RH) Non-Volatile Memory (NVM) continues to be a severely limiting factor in the design of systems for use in space environments. Present solutions rely on inefficient hard ...

SBIR Department of DefenseAir Force

3. A14-041: A LIDAR for Mapping Dense Aerosols

Release Date: 11-20-2013Open Date: 12-20-2013Due Date: 01-22-2014Close Date: 01-22-2014

OBJECTIVE: The objective is to develop a scanning lidar to measure the spatial evolution of dense obscurant clouds (one way transmission 0.25%) with high temporal and spatial resolution. The system should be capable of measuring an obscurant concentration point cloud contained in a 10x10x10 meter measurement volume with sample spacing of 1/5 meters and a total 3D cloud update rate of 1Hz. This m ...

SBIR Department of DefenseArmy

4. A14-042: A Novel Method for Creating Microshear to Aerosolize Packed Powders

Release Date: 11-20-2013Open Date: 12-20-2013Due Date: 01-22-2014Close Date: 01-22-2014

OBJECTIVE: To develop a concept which produces microshear to efficiently separate and disseminate fine powders that are densely packed within a container. Concepts should address material agglomeration issues that arise with optimized packing densities. A systematic study of the forces necessary to overcome binding effects of the materials could be developed along with mathematical modeling to s ...

SBIR Department of DefenseArmy

5. OSD13-C02: A Semantic Technology for Materials Design and Development

Release Date: 07-26-2013Open Date: 08-26-2013Due Date: 09-25-2013Close Date: 09-25-2013

OBJECTIVE: Develop and demonstrate the foundational elements required to create a semantic technology for materials design and development. DESCRIPTION: Several foundational elements required to achieve Sir Tim Berners-Lee"s vision for a semantic web are in place and available to the materials community. The semantic web, sometimes referred to as the web-of-data, focuses on ontologies as well ...

SBIR Department of DefenseOffice of the Secretary of Defense

6. N152-087: Ability for Electronic Kneeboard (EKB) to Communicate and Operate in a Multi- level Security Environment

Release Date: 04-24-2015Open Date: 05-22-2015Due Date: 06-24-2015Close Date: 06-24-2015

The Electronic Kneeboard (EKB) is currently being developed to enable access to digital publications, tactical imagery, and other dynamic data in all USN and USMC aircraft. This capability will greatly enhance aircrew situational awareness, reduce cockpit clutter, improve precision fire, and enable in-flight mission re-planning. The warfighter would greatly benefit from a mobile platform capable o ...

SBIR NavyDepartment of Defense

7. AF141-160: Abrasion Resistant Coating on Composite Substrates

Release Date: 11-20-2013Open Date: 12-20-2013Due Date: 01-22-2014Close Date: 01-22-2014

OBJECTIVE: Develop an abrasion resistant coating to help protect sensitive substrates during dry media blast coating-removal operations. DESCRIPTION: A significant need exists to develop an abrasion resistant coating for composite structures capable of protecting the substrates during media blast coating removal operations. This new coating would function as a protective barrier to the sub ...

SBIR Department of DefenseAir Force

8. A14-023: Abuse Tolerant High Energy LiCoPO4-Based 5V Li-ion Cells

Release Date: 11-20-2013Open Date: 12-20-2013Due Date: 01-22-2014Close Date: 01-22-2014

OBJECTIVE: The objective of this topic is to produce abuse tolerant, full LiCoPO4 based Li-ion cells of size greater than or equal to 1 Ah. DESCRIPTION: Li-ion batteries provide the most energy storage capability on a weight and volume basis and high energy dense batteries are needed to reduce the weight borne by the soldier. However, Li-ion batteries have been shown to be susceptible to abuse ...

SBIR Department of DefenseArmy

9. N152-108: Accelerating Instructor Mastery (AIM)

Release Date: 04-24-2015Open Date: 05-22-2015Due Date: 06-24-2015Close Date: 06-24-2015

Educators typically study for four years at a university building a solid foundation of instructional knowledge. In addition, most educators also have observed practical experience before they instruct on their own. In contrast, active duty military instructors often don’t have the benefit of any education on how to instruct. They are often recently graduated students; although their content kno ...

SBIR NavyDepartment of Defense

10. OSD11-IA6: Active Software Defense to Reduce Threat Capability Effectiveness

Release Date: 07-28-2011Open Date: 08-29-2011Due Date: 09-28-2011Close Date: 09-28-2011

TECHNOLOGY AREAS: Information SystemsOBJECTIVE: Develop innovative software protection technology containing the ability to support the active defense of critical software applications.

SBIR Department of DefenseArmyNavyDefense Advanced Research Projects AgencyOffice of the Secretary of Defense

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- …
- Next
- Last

jQuery(document).ready(function() { (function ($) { $('#edit-keys').attr("placeholder", 'Search Keywords'); $('span.ext').hide(); })(jQuery); });